

## Anglian Coastal Monitoring: Reporting and Analysis structures

Based on the findings of our engagement visits, going forward, the ACM will adopt a standardised approach to reporting and analysis to ensure efficient prioritisation as well as full comprehension of the request in hand.

Reporting and analysis will therefore be categorised into 3 tiers, reflecting priority, scale of analysis and the resource required to undertake the work. These are:

### **Tier 1 - Large scale analyses**

- Essential detailed reports covering large areas - typically an SMP, or several areas from different SMPs. Likely >15 pages.
- Usually requested through discussions at monitoring group meetings.
- May be repeated at defined intervals/ once per phase for each SMP area.
- E.g. coastal trends reports, coastal morphology reports, cliff reports, sea state reports

### **Tier 2 - Site/scheme specific requests:**

- More focused analysis / reporting concentrating on a particular scheme, location or dataset, may be more in depth, up to ~15 pages.
- May require periodic updates, to inform progress of scheme/ management plan, interval of which can be discussed.
- E.g. LiDAR change analysis for Dunwich geotextile groynes.

### **Tier 3 - Site/scheme specific requests - visualisations:**

- One-off simple image based analyses, without written report.
- e.g. topographic profile graphs/LiDAR difference image

The following page details the ACM's revised approach to coastal trends reports (tier 1) will be approached in the remainder of Phase 9, based on conclusions drawn through discussions with our partners. As well as **how to request tier 2 and 3 analysis and reports**.

## **Current Analysis/ reporting programme**

### **Coastal Trends Reports (Tier 1) phase 9:**

- Individual reports for each SMP area, with sections for each Monitoring cell (survey unit).
- To provide an **overview** of the **trends** the SMP area using lidar, topographic data overlaid on aerial photography and where possible / relevant, bathymetry archives
- They will include the **whole** coastline i.e. cliffs/ beaches/ spits/ broads etc., the detail of individual areas to be discussed with LA's.
- The results of the trends report should **highlight areas of interest** for potential further analysis, in particular, where partners have current schemes/projects are ongoing.
- Reports will be repeated on a rolling 3-5 year time scale, ensuring that each SMP is completed at least once per phase and beginning with areas with the longest time elapsed since previous reporting, and subject to amendments as agreed by the programme.

Please note, in-depth analyses considering multiple additional datasets (e.g. wave/tide/met data, storm events are unlikely to be included in these trends reports due to time and resource constraints. These may be more efficiently tackled by a consultant, or if possible, through a tier 2/3 request. We would welcome any discussion regarding use of consultants and will happily advise on the use of our data.

### **Additional Tier 2 and 3 analysis requests:**

- Tier 2 and 3 requests will come below tier 1 reports in priority, thus will be schedule in as and when time and resource permits.
- All requests must be via the '**Analysis and Reporting Request Form**', so that ACM team can determine if the work could be scheduled in in the time frame required. The form will include the following information:
  1. Overview
  2. Scope (tier)
  3. Project/ Scheme it will inform
  4. Time scale

The form is available to download from the Anglian 'Latest News' page on the Coastal monitoring website (CCO): <http://www.coastalmonitoring.org/anglia/latest/>